

QIBA Dynamic Susceptibility Contrast (DSC-MRI) Biomarker Committee (BC) Meeting

Wednesday, July 12, 2023, at 11 a.m. (CT)

Meeting Summary

Participants

Mark Shiroishi, MD (Co-chair)

Ona Wu, PhD (Co-chair)

Nima Ameli, MD

Michael Boss, PhD

Lisa Cimino, RT

Zhaoyang Fan, PhD

Nancy Obuchowski, PhD

RSNA

Joe Koudelik

Susan Stanfa

The following topics were discussed:

- RSNA Board Directive
- DSC-MRI Profile amendments
- Checklist for GABLE clinical trial

Action items

- New RSNA committee, the Quantitative Imaging Committee (QUIC) will assume QIBA oversight
- QIBA admin support and BCs will be dissolved in ~5 months
- In-process Profiles to be advanced to nearest stage and/or summary or white paper of the Profile to be published
- QUIC may initially focus on 1-3 QIBs
- Feasible BC deliverables need to be determined for 5-month window
- QIBA Wiki will be accessible post-transition
- BC members are welcome to submit comments / questions about transition plans to the [Future Direction of QIBA Activities Form](#)
- Immediate DSC-MRI BC goal is to finalize and submit the white paper to *Radiology* before Dec. 2023
- DSC-MRI Profile to undergo maintenance update
 - ROI size to be reduced to 2x2cm² to align with methods in the Prah article, on which Claims are based
 - All other minor changes to be highlighted in the Profile and commentary to be provided for BC voting member review and approval
 - MR CC voting member review and approval to follow
 - Clean, updated version of Profile to be posted to QIBA Wiki DSC-MRI Committee page
- Dr. Shiroishi to reach out to Drs. Boxerman and Schmainda (GABLE Trial PIs) regarding the development of a checklist based on the DSC-MRI Profile, but adapted for use by clinical trial sites
 - Checklist to include the following specifications: (1) 1.5 T Claims, (2) flip angles < 90 degrees, (3) no preload
 - Ms. Cimino, imaging technologist, to provide practical input
- The next meeting will be held on **Wednesday, August 9, 2023, at 11:00 – 11:50 a.m. CT**

Participants are welcome to contact RSNA staff at qiba@rsna.org if their attendance is not reflected in meeting summaries.